



Cboe BZX and EDGX Options Exchanges to Increase Frequency of Symbol Mapping Messages within 5G-Shaped Multicast PITCH Feeds

Overview

The Cboe BZX and EDGX Options Exchanges will increase the frequency by which *Symbol Mapping* messages are sent over the 5 Gigabit-Shaped (“5G-Shaped”) single leg Multicast PITCH feeds per the Rollout Schedule below. The change will allow members who consume the 5G-Shaped Multicast PITCH feeds to receive the full list of symbols in approximately 5 minutes, and will allow for optimal distribution in situations where market data is susceptible to throttling as a result of high message burst rates. All 1 Gigabit-Shaped (“1G-Shaped”) feeds will continue to complete the full loop of *Symbol Mapping* messages in approximately 30 minutes.

Technical Details

Symbol Mapping messages are used to map the 6 character multicast feed symbol field to an OSI symbol and are sent continuously throughout the day as bandwidth allows.

It is important to note that in order to receive 5G-Shaped Multicast PITCH Options Exchange Data, Data Recipients will be required to have dedicated 10G connectivity in place.

Rollout Schedule

The new functionality for BZX and EDGX Options will be implemented gradually across matching units with completion dates referenced in the following rollout schedule. Data Recipients of the 5G-Shaped Multicast PITCH Options Exchange Data will begin to see an accelerated rate of updates across matching units between Feb 12 and Feb 20, with all matching units being completed by March 2, 2018 as indicated below.

Milestone	Target Availability Date
Production for EDGX Options	3/2/2018
Production for BZX Options	3/2/2018

More Information

More information on the *Symbol Mapping* messages can be found within the following technical specification:

- ❖ [US Equities/Options Multicast PITCH](#)
- ❖ [US Equities/Options Connectivity Manual](#)

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